

What is claimed is:

1 1. A transformer for a plurality of lighting tubes,
2 comprising:
3 a coupling iron core;
4 a first winding around the coupling iron core;
5 a first bobbin disposed between the first winding and
6 the coupling iron core;
7 a plurality of second windings, independent of each
8 other and respectively winding around the
9 exterior of the first winding, wherein the second
10 windings have the same winding number; and
11 a second bobbin disposed between the first winding and
12 one second winding.

1 2. The transformer as claimed in claim 1 further
2 comprising a third winding disposed between the first bobbin
3 and the second bobbin.

1 3. The transformer as claimed in claim 2 further
2 comprising a fourth winding disposed between the first
3 bobbin and the second bobbin.

1 4. The transformer as claimed in claim 1 further
2 comprising a plurality of separators disposed around the
3 exterior of the second bobbin, separation provided thereby
4 accommodating the second windings.

1 5. A voltage supply circuit for a plurality of
2 lighting tubes, comprising:
3 a coupling iron core;

4 a first winding around the coupling iron core receiving
5 a first voltage signal;
6 a first bobbin disposed between the first winding and
7 the coupling iron core;
8 a second winding around the exterior of the first
9 winding inductively generating a second voltage
10 signal;
11 a second bobbin disposed between the first winding and
12 the second winding; and
13 a plurality of first lighting tubes driven by the
14 second voltage signal.

1 6. The voltage supply circuit as claimed in claim 5
2 further comprising a third winding disposed between the
3 first bobbin and the second bobbin.

1 7. The voltage supply circuit as claimed in claim 6
2 further comprising a fourth winding disposed between the
3 first bobbin and the second bobbin.

1 8. The voltage supply circuit as claimed in claim 5
2 further comprising a plurality of separators disposed around
3 the exterior of the second bobbin, separation provided
4 thereby accommodating the second winding.

1 9. The voltage supply circuit as claimed in claim 5,
2 wherein the first lighting tubes are connected in serial
3 with and driven by the second voltage signal.

1 10. A voltage supply circuit, appropriate for a
2 plurality of lighting tubes, comprising:
3 a coupling iron core;

4 a first winding around the coupling iron core receiving
5 a first voltage signal;
6 a plurality of second windings, independent of each
7 other, respectively winding around the exterior
8 of the first winding, and inductively generating
9 a plurality of second voltage signals, wherein
10 the second windings have the same winding number;
11 a second bobbin disposed between the first winding and
12 the second winding; and
13 a plurality of first lighting tubes respectively driven
14 by the second voltage signals.

1 11. The voltage supply circuit as claimed in claim 10,
2 wherein the first lighting tubes are discharge lighting
3 tubes.

1 12. The voltage supply circuit as claimed in claim 10
2 further comprising a plurality of second lighting tubes
3 respectively connected in serial with the first lighting
4 tubes.

1 13. The voltage supply circuit as claimed in claim 10,
2 wherein the first lighting tubes and the second lighting
3 tubes are discharge lighting tubes.

1 14. The voltage supply circuit as claimed in claim 10
2 further comprising a third winding disposed between the
3 first bobbin and the second bobbin.

1 15. The voltage supply circuit as claimed in claim 14
2 further comprising a fourth winding disposed between the
3 first bobbin and the second bobbin.

1 16. The voltage supply circuit as claimed in claim 10
2 further comprising a plurality of separators disposed around
3 the exterior of the second bobbin, separation provided
4 thereby accommodating the second winding.